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(19) JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: **2002223753 A**
(43) Date of publication of application: **13.08.2002**

(51) Int. Cl **C12N 15/09**
C12M 1/00, C12M 1/34, C12Q 1/68, G01N 33/15, G01N 33/50,
G01N 33/53, G01N 33/566, G01N 37/00

(21) Application number: **2001021019**
(22) Date of filing: **30.01.2001**

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(54) **OLIGONUCLEOTIDE ARRAY FOR ANALYZING DRUG RESPONSE**

(57) Abstract:

PROBLEM TO BE SOLVED: To obtain an oligonucleotide array capable of examining drug response at a low cost with high reliability.

SOLUTION: This oligonucleotide array is obtained by placing a number of, at least 20 species of genes related to a drug metabolic first-phase reactive enzyme including P-450 and a drug metabolic second-phase reactive enzyme as DNA fragments (probe DNAs) on the same array in examining a metabolic process using the array. Through what pathway a drug entering a living body is metabolized and how the living activity of the living body is influenced by the metabolite thereof can simply be examined at the genetic level.

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